



1634

Atty. Docket No.: 1111/1185 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Segal and Wilson  
U.S. Serial No.: 09/834,109  
Filed (U.S.): April 12, 2001  
Entitled: "Nucleic Acid Compositions and  
Methods of Introducing Nucleic Acids  
Into Cells"

Examiner: Zitomer, S.  
Group Art Unit: 1634  
Conf. No.: 5308

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8a**

I hereby certify that this correspondence (and any paper or fee referred to as being enclosed) is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Commissioner for Patents, Washington, D.C. 20231.

Kathleen M. Williams

Name of Person Mailing

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Commissioner for Patents  
Washington, DC 20231

**TRANSMITTAL LETTER**

Enclosed for filing in the above-identified patent application, please find the following documents:

1. Response to Non-Final Office Action; and
2. Return Post Card.

The Commissioner for Patents is hereby authorized to charge any additional fees or credit any overpayment in the total fees to Deposit Account No. 16-0085, Reference No. 1111/1185. A duplicate of this transmittal letter is enclosed for this purpose.

Respectfully submitted,

Date: October 3, 2002

Name: Kathleen M. Williams  
Registration No.: 34,380  
Customer No.: 29933  
Palmer & Dodge LLP  
111 Huntington Avenue  
Boston, MA 02199-7613  
Tel: 617-239-0100

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# 10  
Amend B

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Commissioner for Patents  
Washington, DC 20231

**RESPONSE TO NON-FINAL OFFICE ACTION**

Sir:

This paper is responsive to the Office Action mailed July 16, 2002. Applicants believe that no fee is due with this response; however, please charge any necessary fees required in connection with the papers transmitted herewith to Deposit Account No. 16-0085; Ref. No. 11111/1185.

**AMENDMENT**

**In the Claims**

Please **replace** claims 1, 2, 19-22 with the following claims:

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1. (Amended) A nucleic acid molecule comprising:

B<sub>1</sub>  
a first nucleic acid sequence comprising an aptamer covalently linked to a second nucleic acid sequence comprising a biological effector sequence, wherein the binding of said aptamer to a cell surface molecule permits the internalization by said cell of said nucleic acid sequence comprising a biological effector sequence.